

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

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GOVERNOR

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SECRETARY

JOHN AUERBACH  
COMMISSIONER

04/12/2011

Sarah Stancato  
Assistant District Attorney, Suffolk County

Dear ADA Stancato,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan & Daniel Renczkowski.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read 'Annie Khan', with a stylized flourish at the end.

Annie Khan (Dookhan)  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631  
[Annie.Khan@state.ma.us](mailto:Annie.Khan@state.ma.us)



DRUG RECEIPT

CC # [REDACTED]  
BOOK # 41  
PAGE # 62  
DESTRUCTION # \_\_\_\_\_

District/Unit C-6 / 2615F  
Name & Rank of Arresting Officer PO Shingay ID# 0572

DEFENDANT'S NAME	ADDRESS	CITY	STATE
[REDACTED]	[REDACTED]	Weymouth	Ma

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	GROSS WEIGHT	LAB USE ONLY
			ANALYSIS NUMBER
white/pink pills	7	7.24g	[REDACTED]
white round pills	3	2.14g	
green pills	1	1.59g	
orange pill	1/4	1.48g	

To be completed by ECU personnel only

Name and Rank of Submitting Officer Sgt. White ID# 12024  
Received by [Signature] Date 10-22-10  
ECU Control # \_\_\_\_\_

## Curriculum Vitae

**Annie Khan (Dookhan)**

### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

### Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Responsible for the Quality Control/Quality Assurance program for the drug lab.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

### Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Daniel Renczkowski

### Education

Degree: Bachelors of Science in Forensic Chemistry,  
May 2005 from Buffalo State College  
GPA: 3.84, Dean's List, Honor's Recognition  
American Chemical Society Undergraduate Award  
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

### Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

### Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

No. [REDACTED] Date Analyzed: 1-13-11  
City: Boston D.C.U. Police Dept.  
Officer: P.O. SYBIL WHITE  
Def: [REDACTED]  
Amount: 7.0 Subst: <sup>cap</sup> TAB  
No. Cont: 1<sub>22</sub> Cont: pb  
Date Rec'd: 10/21/2010 No. Analyzed:  
Gross Wt.: 7.24 Net Weight:  
# Tests: 1A+L  
AD

Prelim: E

Findings: Omeprazole

No. [REDACTED] Date Analyzed: 1-14-11  
City: Boston D.C.U. Police Dept.  
Officer: P.O. SYBIL WHITE  
Def: [REDACTED]  
Amount: 0.8 Q  
No. Cont: 1<sub>22</sub> Cont: pb  
Date Rec'd: 10/21/2010  
Gross Wt.: 1.48  
Subst: TAB  
No. Analyzed:  
Net Weight:  
# Tests: 6 ASD

Prelim:

Findings: negative

No. [REDACTED] Date Analyzed: 1-13-11  
City: Boston D.C.U. Police Dept.  
Officer: P.O. SYBIL WHITE  
Def: [REDACTED]  
Amount: 3.0 Subst: TAB  
No. Cont: 1<sub>22</sub> Cont: pb  
Date Rec'd: 10/21/2010 No. Analyzed:  
Gross Wt.: 2.14 Net Weight:  
# Tests: 1A+L  
AD

Prelim: E

Findings: Promethazine

No. [REDACTED] Date Analyzed: 1-24-11  
City: Boston D.C.U. Police Dept.  
Officer: P.O. SYBIL WHITE  
Def: [REDACTED]  
Amount: 1.0 Subst: TAB  
No. Cont: 1<sub>22</sub> Cont: pb  
Date Rec'd: 10/21/2010 No. Analyzed:  
Gross Wt.: 1.59 Net Weight:  
# Tests: 1 ASD  
20JR

Prelim: clonazepam

Findings: Clonazepam

# DRUG POWDER ANALYSIS FORM

SAMPLE #                      AGENCY Boston ANALYST ADJ

No. of samples tested:           

Evidence Wt.                     

## PHYSICAL DESCRIPTION:

3 white round tablet  
nips



Gross Wt ( ):                     

Gross Wt ( ):                     

Pkg. Wt:                     

Net Wt: 0.7068

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( )                     

Marquis                     

Froehde's                     

Mecke's                     

### Microcrystalline Tests

Gold  
Chloride                     

TLTA ( )                     

### OTHER TESTS

Monomer A + P

## PRELIMINARY TEST RESULTS

RESULTS prometazine

DATE 1-13-11

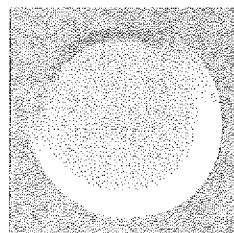
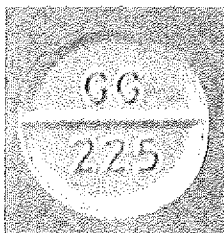
## GC/MS CONFIRMATORY TEST

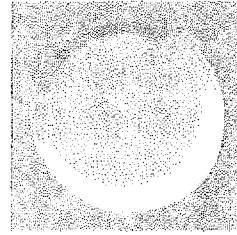
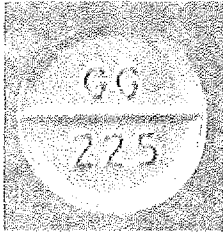
RESULTS                     

MS  
OPERATOR                     

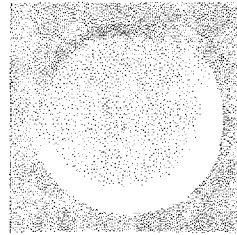
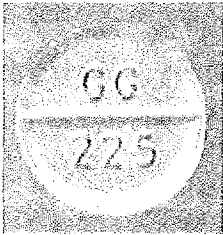
DATE                     

Revised 7/2005

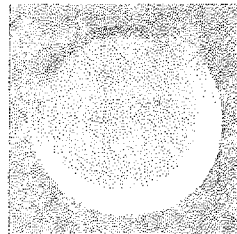
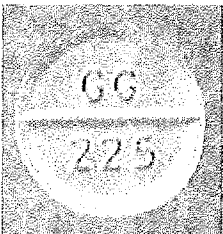
**POISINDEX® Product List****Promethazine Hydrochloride****Regulatory-Status:** RX**Ingredients****Active-Ingredient:** Promethazine Hydrochloride - 25 MG**Availability & Manufacturing****Availability:** United States**Available-Container-Sizes:** Bottle of 100; Bottle of 1000**Contact:** Geneva Generics**Product ID:** 2893017**AAPCC Code:** 003720 - Other Antihistamines Alone (Excluding Cough and Cold Preparations)**Registry Numbers:** NDC 00781-1830-10  
NDC 00781-1830-01**Physical Description****Imprint:** Gg; 225**Form:** Tablet**Color:** white**Shape:** Circle; scored, debossed**Images for NDC 00781-1830-10****Images for NDC 00781-1830-01**



Images for NDC 00781-1830-10



Images for NDC 00781-1830-01



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# DRUG POWDER ANALYSIS FORM

SAMPLE #                      AGENCY Boston ANALYST ASD

No. of samples tested:                      Evidence Wt.                     

## PHYSICAL DESCRIPTION:

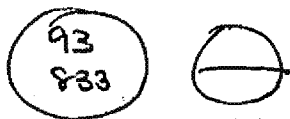
1 green round tablet in  
1 pb

Gross Wt ( ):                     

Gross Wt ( ):                     

Pkg. Wt:                     

Net Wt: 0.1680



## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( )                     

Marquis                     

Froehde's                     

Mecke's                     

### Microcrystalline Tests

Gold  
Chloride                     

TLTA ( )                     

### OTHER TESTS

Microscopic 0-0  
                                      
                                    

## PRELIMINARY TEST RESULTS

RESULTS Clonazepam

DATE 1-13-11

## GC/MS CONFIRMATORY TEST

RESULTS Clonazepam

MS  
OPERATOR PSR

DATE 1-24-11

Revised 7/2005

**POISINDEX® Product List****Clonazepam****Regulatory-Status:** Schedule IV**Ingredients****Active-Ingredient:** Clonazepam - 1 MG**Excipients:** Lactose (Monohydrate)  
Magnesium Stearate  
Cellulose, Microcrystalline  
Povidone  
Water, Purified  
Starch, Corn  
D&C Yellow No. 10 Aluminum Lake  
FD&C Blue No. 1 Aluminum Lake**Availability & Manufacturing****Availability:** United States**Available-Container-Sizes:** Strip of 100; Bottle of 1000; Bottle of 500; Inner Pack; Bottle of 100**Contact:** Teva Pharmaceuticals**Product ID:** 5575539**AAPCC Code:** 007000 - Benzodiazepines**Registry Numbers:** NDC 00093-0833-93  
NDC 0093-0833-19**Physical Description****Imprint:** 93 - 833 - This tablet is debossed with 93 - 833 on the unscored side.**Form:** Oral Tablet**Color:** Mottled Green**Shape:** Circle

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# DRUG POWDER ANALYSIS FORM

SAMPLE #                      AGENCY Boston ANALYST ADJ

No. of samples tested:            Evidence Wt.           

## PHYSICAL DESCRIPTION:

Q Orange wafer tablet  
17-AB

Gross Wt ( ):           

Gross Wt ( ):           

Pkg. Wt:           

Net Wt: 0.0413

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( + )           

Marquis -           

Froehde's -           

Mecke's -           

### Microcrystalline Tests

Gold  
Chloride           

TLTA ( )           

### OTHER TESTS

0.1167

GC = - C1-14-11

## PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 1-13-11

## GC/MS CONFIRMATORY TEST

RESULTS           

MS  
OPERATOR           

DATE           

Revised 7/2005

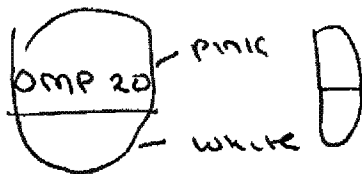
# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ASN

No. of samples tested:            Evidence Wt.           

## PHYSICAL DESCRIPTION:

7 pink + white capsules  
17 lbs



Gross Wt ( ):           

Gross Wt ( ):           

Pkg. Wt:           

Net Wt: 5.7842

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( )           

Marquis           

Froehde's           

Mecke's           

### Microcrystalline Tests

Gold  
Chloride           

TLTA ( )           

### OTHER TESTS

Mnemosyne A + B  
            
          

## PRELIMINARY TEST RESULTS

RESULTS Omeprazole

DATE 1-13-11

## GC/MS CONFIRMATORY TEST

RESULTS           

MS  
OPERATOR           

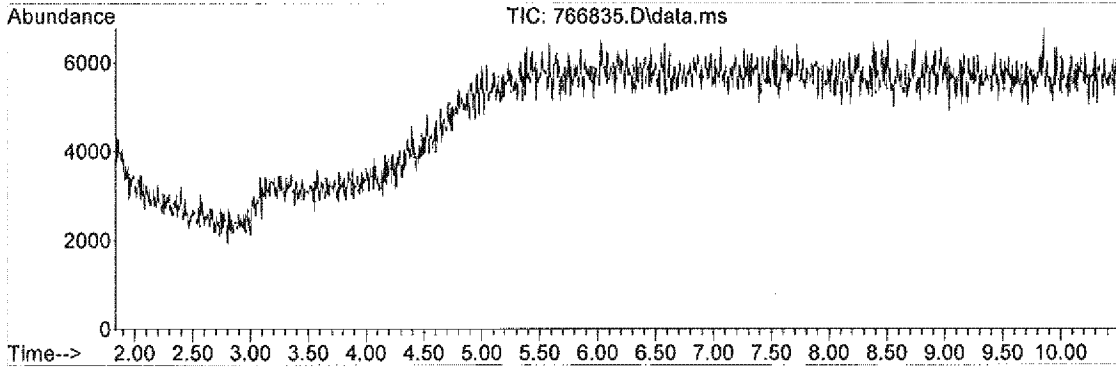
DATE           

Revised 7/2005

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01\_20\_11\766835.D  
 Operator : DJR  
 Date Acquired : 21 Jan 2011 4:41  
 Sample Name : BLANK  
 Submitted by :  
 Vial Number : 1  
 AcquisitionMeth: CLONAZ.M  
 Integrator : RTE

*✓ DJR  
4-11-11*

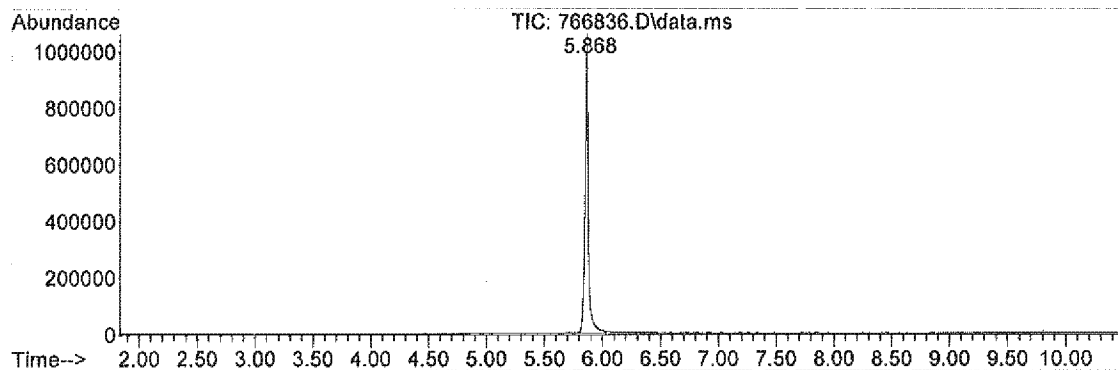


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01\_20\_11\766836.D  
Operator : DJR  
Date Acquired : 21 Jan 2011 4:54  
Sample Name : CLONAZEPAM STD  
Submitted by :  
Vial Number : 36  
AcquisitionMeth: CLONAZ.M  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.868	1979320	100.00	100.00

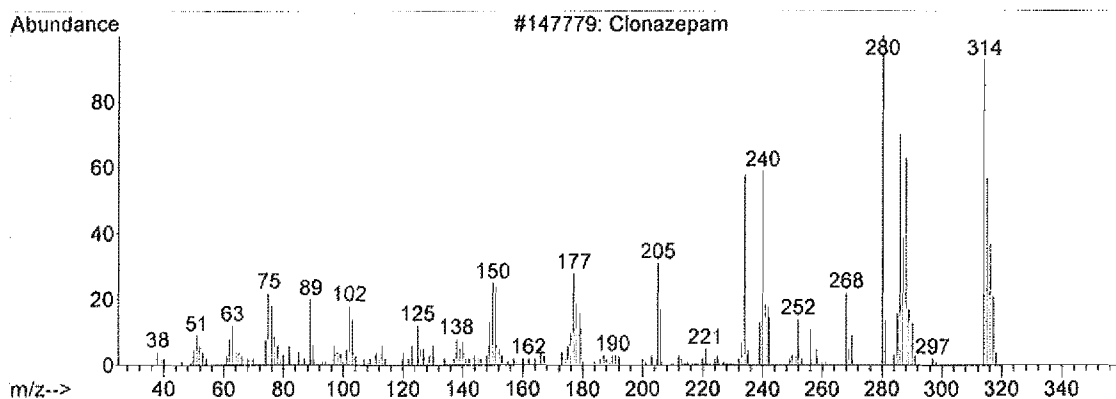
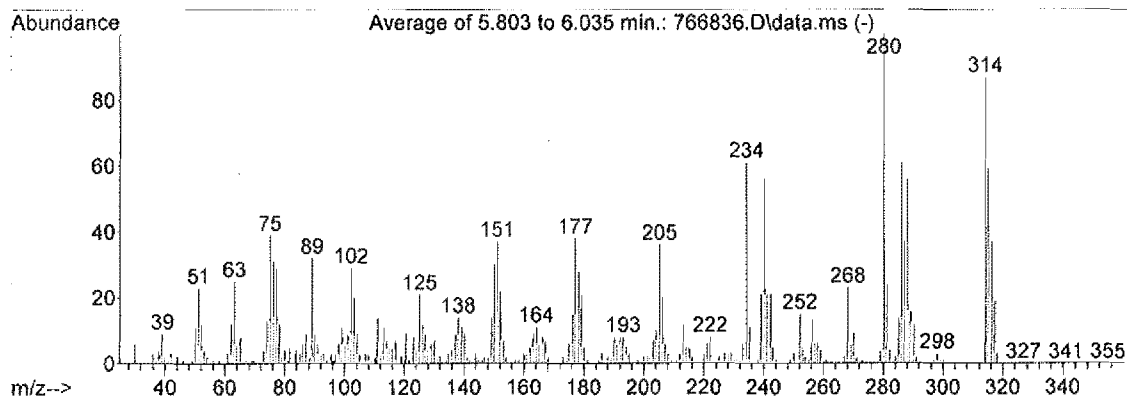
# Area Percent / Library Search Report

**Information from Data File:**

File Name : C:\msdchem\1\data\SYSTEM6\01\_20\_11\766836.D  
 Operator : DJR  
 Date Acquired : 21 Jan 2011 4:54  
 Sample Name : CLONAZEPAM STD  
 Submitted by :  
 Vial Number : 36  
 AcquisitionMeth: CLONAZ.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST08.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.87	C:\Database\NIST08.L		
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99



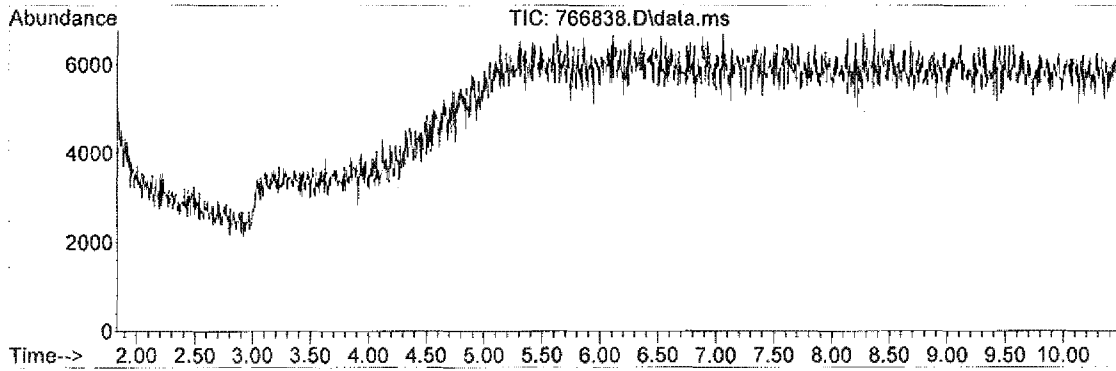
Area Percent / Library Search Report

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Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01\_20\_11\766838.D  
Operator : DJR  
Date Acquired : 21 Jan 2011 5:20  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: CLONAZ.M  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

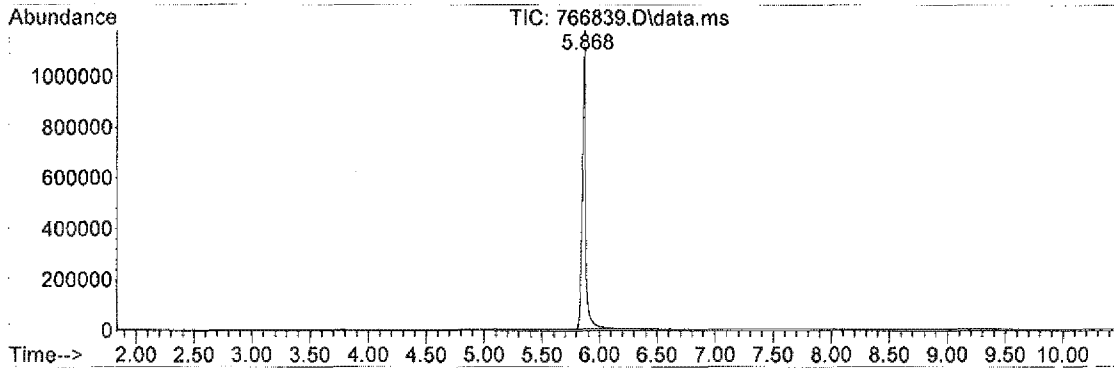
Area Percent / Library Search Report

---

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01\_20\_11\766839.D  
Operator : DJR  
Date Acquired : 21 Jan 2011 5:34  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 39  
AcquisitionMeth: CLONAZ.M  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
5.868	2342484	100.00	100.00

---

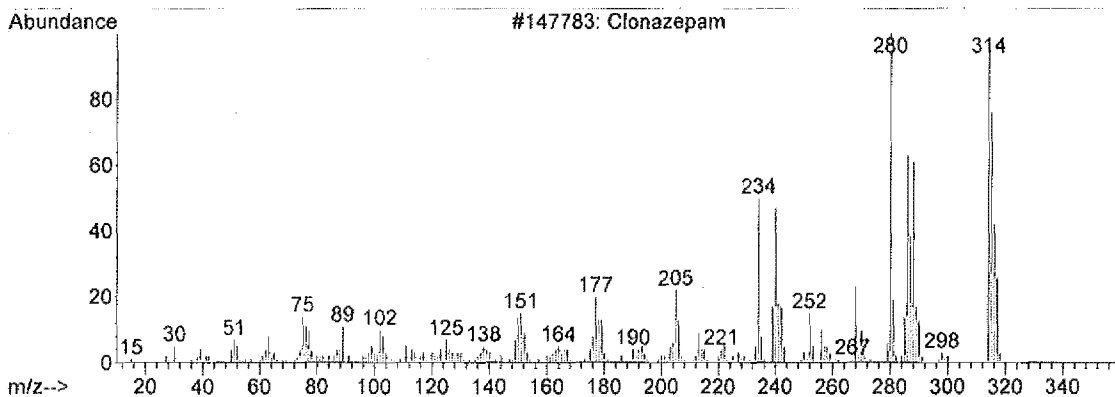
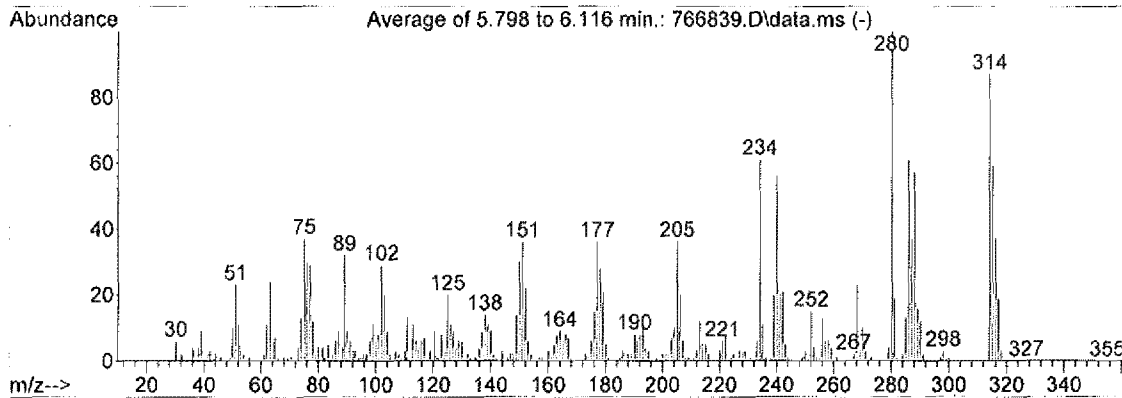
# Area Percent / Library Search Report

**Information from Data File:**

File Name : C:\msdchem\1\data\SYSTEM6\01\_20\_11\766839.D  
 Operator : DJR  
 Date Acquired : 21 Jan 2011 5:34  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 39  
 AcquisitionMeth: CLONAZ.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST08.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.87	C:\Database\NIST08.L		
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99



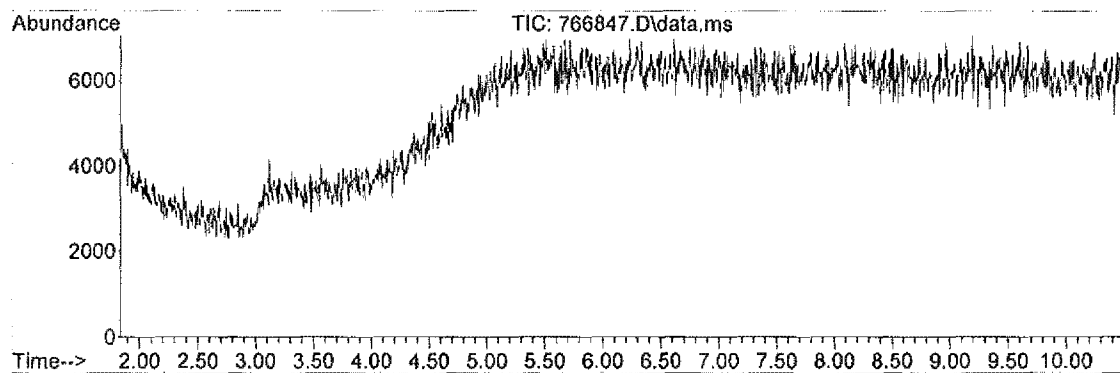
# Area Percent / Library Search Report

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Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01\_20\_11\766847.D  
 Operator : DJR  
 Date Acquired : 21 Jan 2011 7:19  
 Sample Name : BLANK  
 Submitted by :  
 Vial Number : 2  
 AcquisitionMeth: CLONAZ.M  
 Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
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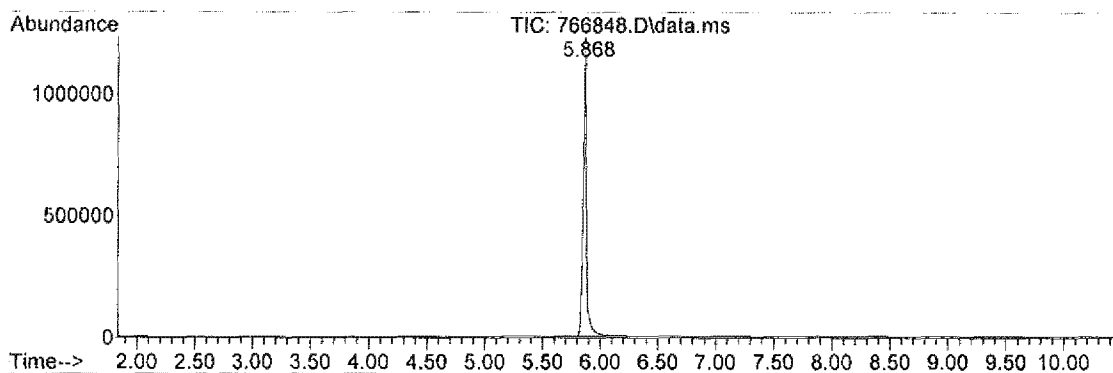
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\*\*\*NO INTEGRATED PEAKS\*\*\*

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01\_20\_11\766848.D  
 Operator : DJR  
 Date Acquired : 21 Jan 2011 7:32  
 Sample Name : CLONAZEPAM STD  
 Submitted by :  
 Vial Number : 36  
 AcquisitionMeth: CLONAZ.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.868	2350886	100.00	100.00

# Area Percent / Library Search Report

**Information from Data File:**

File Name : C:\msdchem\1\data\SYSTEM6\01\_20\_11\766848.D  
 Operator : DJR  
 Date Acquired : 21 Jan 2011 7:32  
 Sample Name : CLONAZEPAM STD  
 Submitted by :  
 Vial Number : 36  
 AcquisitionMeth: CLONAZ.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST08.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.87	C:\Database\NIST08.L		
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99
		Clonazepam	001622-61-3	99

